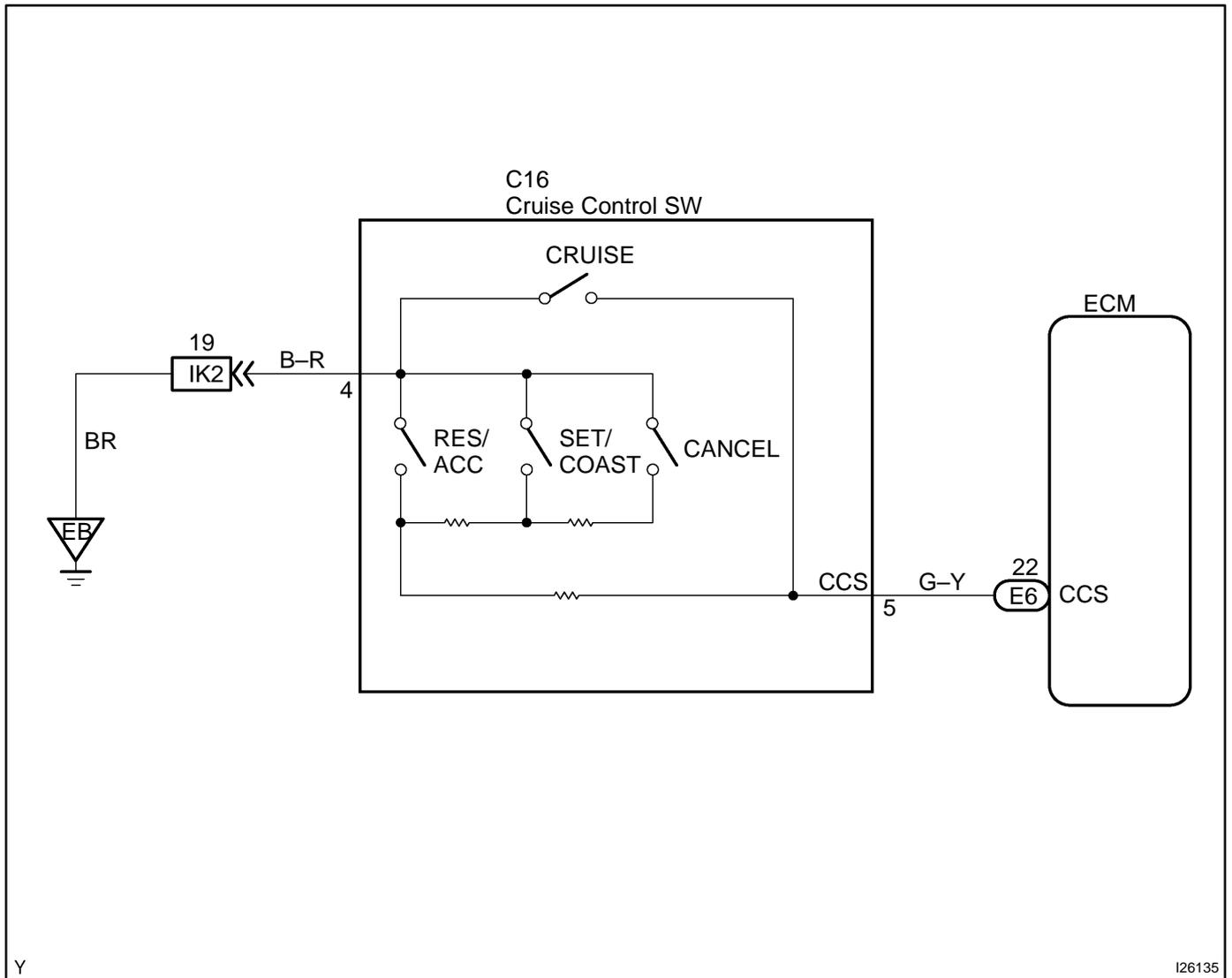


Control Switch Circuit (Cruise Control Switch)

CIRCUIT DESCRIPTION

This circuit Sends the SET/COAST, RES/ACC and CANCEL signals (each voltage) to the ECM.

WIRING DIAGRAM

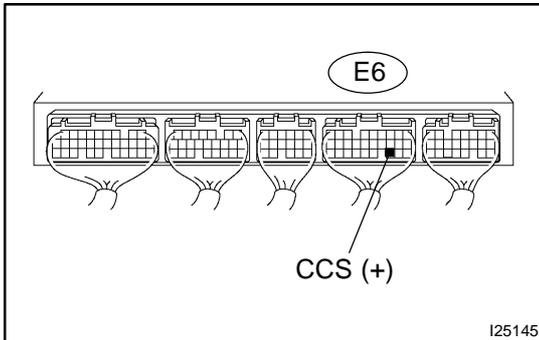


Y

I26135

INSPECTION PROCEDURE

1 Check voltage between terminal CCS of ECM connector and body ground.

**PREPARATION:**

- (a) Remove the ECM with the connector being connected.
- (b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminals E6-22 (CCS) of the ECM connector and the body ground when each control switch is operated.

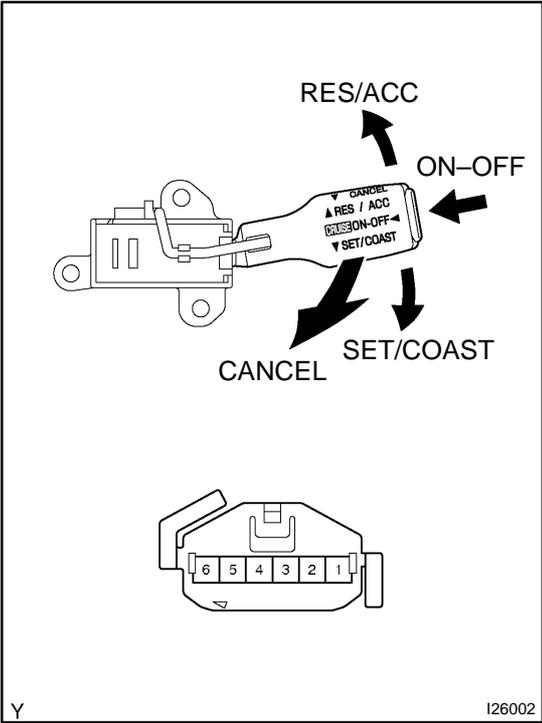
Switch position	Voltage
Neutral	9 - 14 V
RES/ACC	2.1 - 4.0 V
SET/COAST	4.0 - 7.1 V
CANCEL	6.0 - 10.1 V

NG

Proceed to next circuit inspection shown in problem symptoms table (See page [DI-700](#)).

OK

2 Check control switch.



PREPARATION:

- (a) Remove the steering wheel center pad.
- (b) Disconnect the control switch connector.

CHECK:

- (a) Measure the resistance between terminals 4 and 5 of the control switch connector when the control switch is operated.

OK:

Switch Position	Resistance
Neutral	∞ (No continuity)
RES/ACC	235 – 245 Ω
SET/COAST	617 – 643 Ω
CANCEL	1509 – 1571 Ω

- (b) Check the continuity between terminals 4 and 5 of the control switch connector when the main switch is held on and off.

OK:

Switch Position	Tester connection	Specified condition
OFF	-	No continuity
ON	4 – 5	Continuity

NG Replace control switch.

OK

3 Check harness and connector between ECM and cruise control switch, and cruise control switch and body ground (See page IN-28).

NG Repair or replace harness or connector.

OK

4	Check CRUISE MAIN indicator light (See page DI-713).
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NG	Replace combination meter.
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OK

Check and replace ECM (See page IN-28).
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